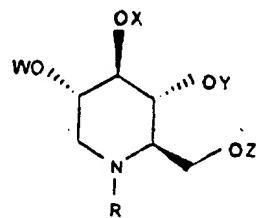


Amendments to the Claims This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

Claims 1-24 (cancelled).

Claim 25 (currently amended): A method for treating a hepatitis virus infection in a mammal, consisting of administering to said mammal an ~~antiviral~~ anti-hepatitis virus effective amount of at least one N-substituted-1,5-dideoxy-1,5-imino-D-glucitol compound of Formula I or a pharmaceutically acceptable salt thereof:



(I)

wherein R is selected from the group consisting of straight chain alkyl having a chain length of C_7 to C_{20} , branched chain alkyl having a chain length of C_3 to C_{20} in the main chain, alkoxyalkyl, arylalkyl, and cycloalkylalkyl, and

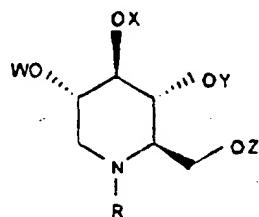
wherein W, X, Y and Z are each independently selected from the group consisting of hydrogen, alkanoyl, aroyl, and trifluoroalkanoyl.

Claim 26 (original): The method of Claim 25, wherein R is a straight chain alkyl having a chain length of C_7 to C_{20} , and W, X, Y and Z are each hydrogen.

Claim 27 (original): The method of claim 26, wherein R is nonyl.

Claims 28-58 59 (cancelled).

Claim 59 60 (currently amended): A method for treating a hepatitis virus infection in a mammal, comprising administering to said mammal an antiviral anti-hepatitis virus effective amount of at least one N-substituted-1,5-dideoxy-1,5-imino-D-glucitol compound of Formula I or a pharmaceutically acceptable salt thereof:



(I)

substantially exclusive of the administration of an antiviral composition comprising a nucleoside, a nucleotide, an immunomodulator, or an immunostimulant,

wherein R is selected from the group consisting of straight chain alkyl having a chain length of C₇ to C₂₀, branched chain alkyl having a chain length of C₃ to C₂₀ in the main chain, alkoxyalkyl, arylalkyl, and cycloalkylalkyl, and

wherein W, X, Y, and Z are each independently selected from the group consisting of hydrogen, alkanoyl, aroyl, and trifluoroalkanoyl.

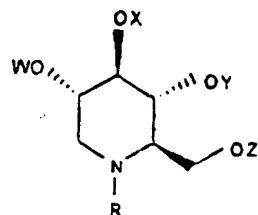
Claim 60 61 (currently amended): The method of claim 59 60, further comprising administering said at least one N-substituted-1,5-dideoxy-1,5-imino-D-glucitol compound of Formula I or pharmaceutically acceptable salt thereof in combination with a pharmaceutically acceptable carrier, excipient, or diluent.

Claim 61 62 (currently amended): The method of claim 59 60, wherein R is a straight chain alkyl having a chain length of C₇ to C₂₀, and W, X, Y, and Z are each hydrogen.

Claim 62 63 (currently amended): The method of claim 61 62, wherein R is nonyl.

Claims 63-67 64-68 (cancelled).

Claim 68 69 (currently amended): A method for treating a hepatitis virus infection in a mammal, comprising administering to said mammal an antiviral anti-hepatitis virus effective amount of at least one N-substituted-1,5-imino-D-glucitol compound of Formula I or a pharmaceutically acceptable salt thereof:



(I)

substantially exclusive of the administration of antiviral compounds other than compounds of Formula I,

wherein R is selected from the group consisting of straight chain alkyl having a chain length of C₇ to C₂₀, branched chain alkyl having a chain length of C₃ to C₂₀ in the main chain, alkoxyalkyl, arylalkyl, and cycloalkylalkyl, and

wherein W, X, Y, and Z are each independently selected from the group consisting of hydrogen, alkanoyl, aroyl, and trifluoroalkanoyl.

Claim 69 70 (currently amended): The method of claim 68 69, further comprising administering said at least one N-substituted-1,5-dideoxy-1,5-imino-D-glucitol compound of Formula I or pharmaceutically acceptable salt thereof in combination with a pharmaceutically acceptable carried, excipient, or diluent.

Claim 70 71 (currently amended): The method of claim 68 69, wherein R is straight chain alkyl having a chain length of C₇ to C₂₀, and W, X, Y, and Z are each hydrogen.

Claim 71 72 (currently amended): The method of claim 70 71, wherein R is nonyl.

Claims 72-76 73-77 (cancelled).

Claims 77-149 78-150 (cancelled).

Claim 151 (new): The method of Claim 25, wherein R is a straight chain alkyl having a chain length of C₈ to C₁₂, and wherein W, X, Y, and Z are each hydrogen.

Claim 152 (new): The method of Claim 25, wherein R is 3-phenylpropyl, and W, X, Y, and Z are each hydrogen.

Claim 153 (new): The method of Claim 25, wherein R is 2-ethylbutyl, and W, X, Y, and Z are each hydrogen.